



How to change rear  
shock absorbers on  
**RENAULT Modus /  
Grand Modus (F, JP)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

This replacement procedure can be used for:

RENAULT Modus / Grand Modus (F, JP) 1.5 dCi 75, RENAULT Modus / Grand Modus (F, JP) 1.5 dCi 90, RENAULT Modus / Grand Modus (F, JP) 1.2, RENAULT Modus / Grand Modus (F, JP) 1.6, RENAULT Modus / Grand Modus (F, JP) 1.5 dCi, RENAULT Modus / Grand Modus (F, JP) 1.4, RENAULT Modus / Grand Modus (F, JP) 1.2 16V, RENAULT Modus / Grand Modus (F, JP) 1.2 16V Hi-Flex

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: RENAULT Clio III Hatchback (BR0/1, CR0/1) 1.5 dCi

REPLACEMENT: SHOCK ABSORBERS – RENAULT  
MODUS / GRAND MODUS (F, JP). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 16
- Drive socket # 18
- Wheel impact socket #17
- Shock absorber socket #DD6
- Ratchet wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

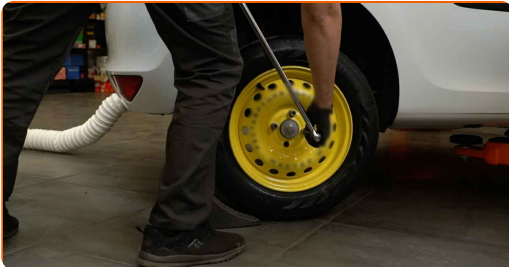
Replacement: shock absorbers – RENAULT Modus / Grand Modus (F, JP). Tip from AUTODOC experts:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

## REPLACEMENT: SHOCK ABSORBERS – RENAULT MODUS / GRAND MODUS (F, JP). RECOMMENDED SEQUENCE OF STEPS:

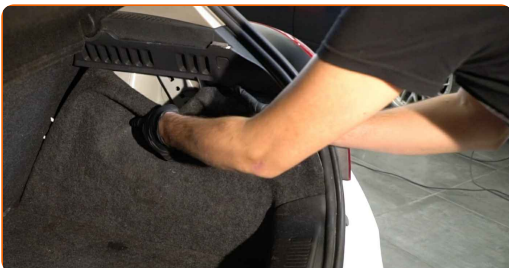
**1** Secure the wheels with chocks.

**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.

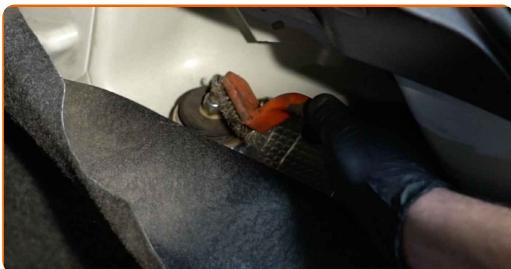


**3** Open the boot lid.

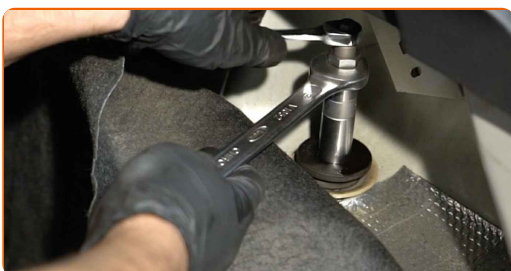
**4** Detach the boot side lining.



**5** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



**6** Unscrew the upper fastener of the shock absorber. Use a shock absorber socket DDN<sup>®</sup>6 Use a drive socket #16. Use a ratchet wrench.



**7** Raise the rear of the car and secure on supports.

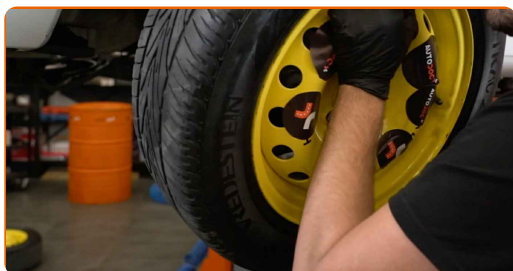
**8** Unscrew the wheel bolts.



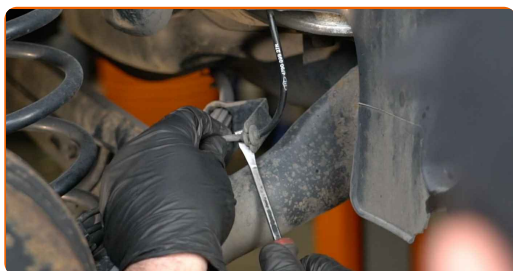
Replacement: shock absorbers – RENAULT Modus / Grand Modus (F, JP).  
Professionals recommend:

- To avoid injury, hold up the wheel when unscrewing the bolts.

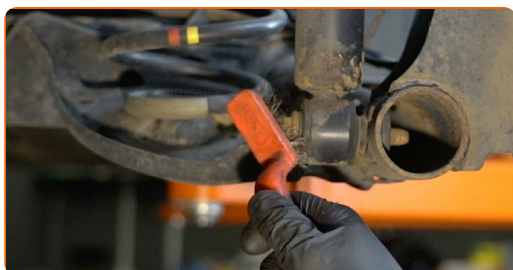
**9** Remove the wheel.



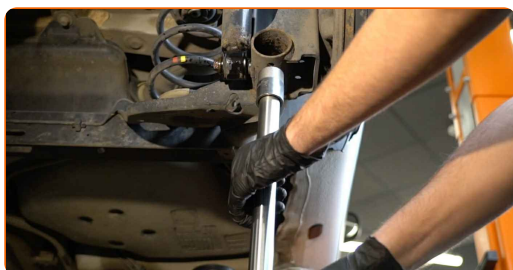
**10** Disconnect the ABS sensor wiring. Use a crowbar.



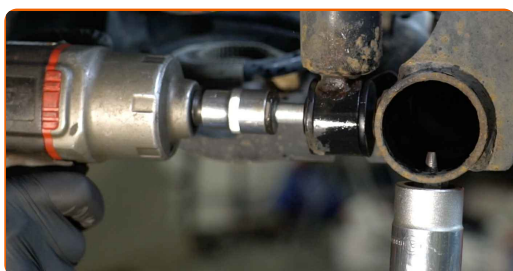
**11** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



**12** Support the rear suspension beam. Use a hydraulic transmission jack.



**13** Unscrew the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.

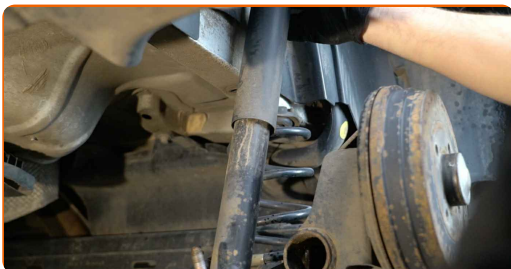


Replacement: shock absorbers – RENAULT Modus / Grand Modus (F, JP). Tip:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

14

Remove the shock absorber.

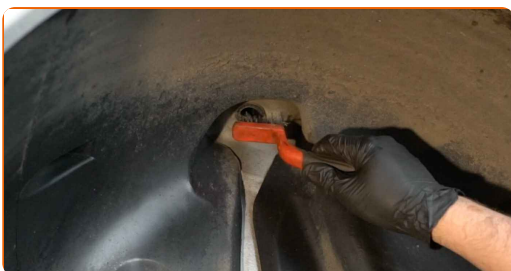


Replacement: shock absorbers – RENAULT Modus / Grand Modus (F, JP).  
AUTODOC experts recommend:

- Before installing a new shock absorber you should pump it manually 3-5 times.

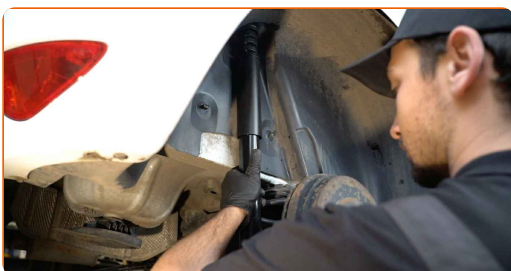
15

Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



16

Place the shock absorber in the wheel arch and secure it.

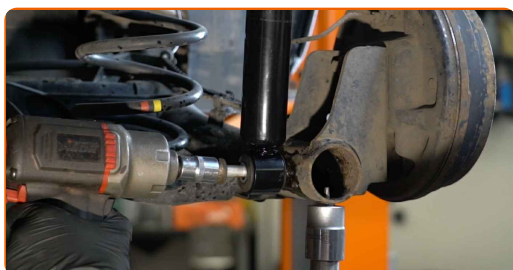


**AUTODOC recommends:**

- Important! Hold the shock absorber while screwing in the fastening bolts.  
RENAULT Modus / Grand Modus (F, JP)

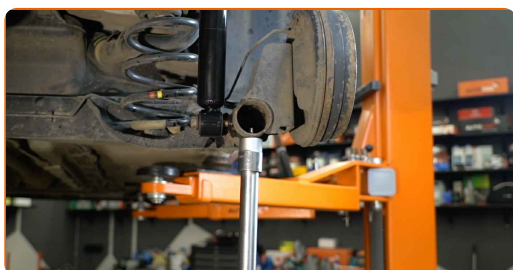
**17**

Screw in the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



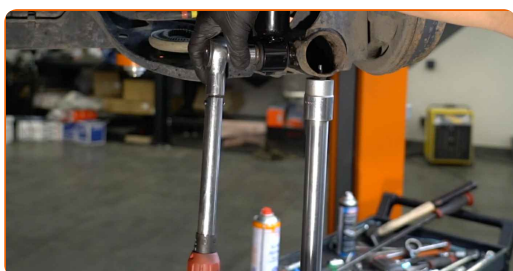
**18**

Raise the hydraulic transmission jack by 10-15 cm.



**19**

Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.



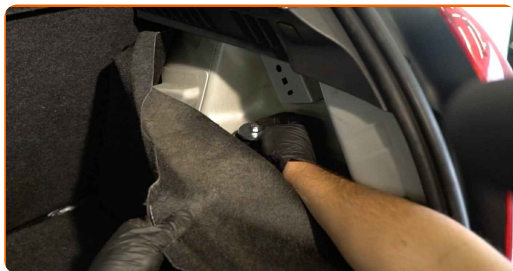
**20**

Treat the shock absorber fasteners. Use copper grease.

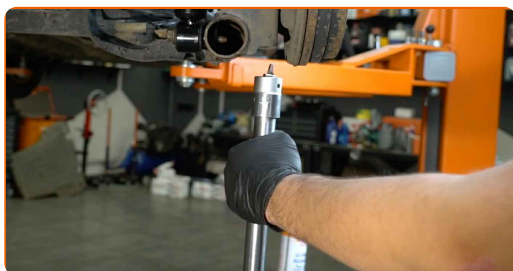




**21** Screw the upper fastener of the shock absorber.



**22** Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- Replacement: shock absorbers – RENAULT Modus / Grand Modus (F, JP). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**23** Connect the ABS sensor wiring.

**24** Clean the wheel rim mounting seat. Use a wire brush.



25

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



26

Install the wheel.



Replacement: shock absorbers – RENAULT Modus / Grand Modus (F, JP). Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

27

Screw in the wheel bolts. Use wheel impact socket #17.



28

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 105 Nm torque.

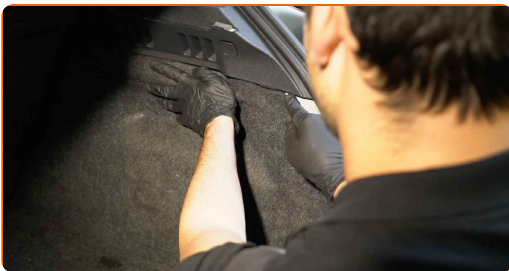
**29** Remove the jacks and chocks.



**30** Tighten the top shock absorber fastening. Use a shock absorber socket DDN#6 Use a combination spanner #13. Use a torque wrench. Tighten it to 21 Nm torque.



**31** Attach the side lining of the boot.



**32** Close the lid of the luggage compartment.

**WELL DONE!** 

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**SHOCK ABSORBERS: A WIDE SELECTION**

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